

WASHINGTON, D. C., SUNDAY MORNING, JUNE 4, 1916.

150,000 Persons See Exhibits of Safety-First Train

AM surprised," said President Wilson, "at the federal activities in aid of the people. I wish all could see and realize what is being done."

The place was the National Museum; occasion, the "safety first" exhibit of the bureau of mines, and Secretary Lane was the person addressed.

The Secretary's reply was: "If we know so little, the people at large must know much less," and then and there to him came the idea—why not take to

the timber supply of the nation, the apparatus for life-saving in the mines and pictures showing how the reclamation service converts the deserts into farms and towns. In the baggage car was a dynamo, driven by steam from the locomotives, with power enough to light a city. It furnished light to the train, drove the fans and did other things.

The train left the Union station, Washington, the morning of May 1, and returned three weeks later. A circus, if the train had been as large as the tent, would have had nothing over this exhibition in attendance.

SUCCESSFUL Trip Made With Twelve Cars Containing Exhibits of What the Various Government Departments Are Doing—Work of the Bureau of Mines—Army and Navy Cars—Bureau of Public Health Gave Object Lessons—Moving Pictures and Wireless—Many Cities Visited and Throngs Greeted the Government's Educational Project.

man three times, in three different mine accidents and in three states of the Union.

The local coroners were especially concerned over a dummy in this car, which represented a man in miner's dress bandaged as an example for a relief corps, for every accident conceivable to arms, legs, head and body. It was quite gruesome, and it is said that the corpse was so "realistic" that the porter refused to sleep in the car.

The visitors also saw the electric lights now carried by the miners instead of the lamp which supplanted the open flame variety. The miner wears it upon his hat, as he did the old lamp, and carries at his waist the battery which keeps up the current. For open work, when his hands are free, he now uses the electric torch.

The car which probably attracted most attention contained the navy exhibit. The radio outfit, operated from the dynamo in the baggage car, and which could send its wireless message for a hundred miles, was an attraction, and that it could receive from Arlington day and night the exact time, as recorded in the National Observatory, was a source of wonder.

The idea contained in the motto was rather disconcerting to some of the pacifist inclinations. One who had conscientious scruples against carrying on war admitted, after a time, that the nation should be prepared for defense, but never to strike an enemy. "Then," said the officer in charge, "must I understand that if we were attacked as Belgium was we must not go out to strike the enemy where he is weakest?"

"I never thought of that," said the pacifist. "I guess you'd better get that fleet ready both ways around." The bureau of public health presented an object lesson in the form of a realistic-looking rat on a box of imitation garbage. It showed how the fur of the rodent, like the pestilent household, gathers disease germs from refuse and carries them to the cellar damp for a breeding place. It shows that the loss caused by grain and food destroyed by them is so great that it means a cost of \$1.25 a year to each person in

the United States. It exhibited model foundations which will keep the pests out of houses and barns. It showed by practical exhibits that flies and mosquitoes are more dangerous to health than the rats, and how persons and food should be protected from them. Also were exhibited the dangers from bad drainage in the country, such as to cause pollution of the wells, bringing typhoid and kindred diseases upon those who use the water.

One of the advantages which the city has over the country is that the municipality has engineers and health officers who examine the sources of the water supply and enforce regulations to keep it from contamination, while the farmer has no one to look after it, but himself to enforce it.

The army car contained a model of portable water purifier such as the army is now using in Mexico with great success. A Yankee invention, a

model of a hospital car, was shown with hollow steel stanchions arranged in sets running from floor to roof of the car. When a patient is brought in the bars of his stretcher are placed on hooks on the stanchions and the wounded man, stretcher and all, are taken to the hospital. The car with a new complement of stretchers is sent back for more wounded.

The dynamo in the baggage car not only lighted the train and sent wireless messages, but it gave the electric power for outdoor movies. Following the plan of visualizing things, the department sent several reels of moving pictures. After the train was closed for the night, spectators remained to see the army in Mexico, pitching tents, caring for horses and filtering drinking water. Rescue work, as carried on at the mines, was shown on the screen. The families of the miners clustered about the mine entrance, the rescuers

in their life-saving outfits and carrying oxygen tanks entered the cages and were swallowed up in the shaft. Cheers always greeted the great superabundances on the screen, and then followed views of the destroyers. It was difficult for persons who perhaps had never seen the ocean to realize that what was on the screen were periscopes, until they saw the hull of a submarine emerge and float upon the surface.

The movies showed the mosquito and the fly getting in their work, and then the fly traps and catchers. Loeborgs, depellets and other sea dangers which the coast guard patrols the seas to find and report by wireless were shown. Causes of railroad wrecks in the shape of defective rails, switches, couplers and signals were all thrown upon the screen to the great interest of thousands of people.

The train during its trip of three weeks, although closed on Sundays, was visited by persons of all ages, degrees of wealth, professional men, business men, workmen, church people, militiamen and school children in numbers exceeding 150,000.

Besides the trainmen, nineteen people were engaged in this expedition, and they lived, slept and ate on the train. The train was so heavy that, although easily carried on the main line, some difficulty was found in taking it over sidings and connections where the roadbed was not well ballasted and the rails were below standard weight. More than once it had

to be divided into sections in order to distribute weight.

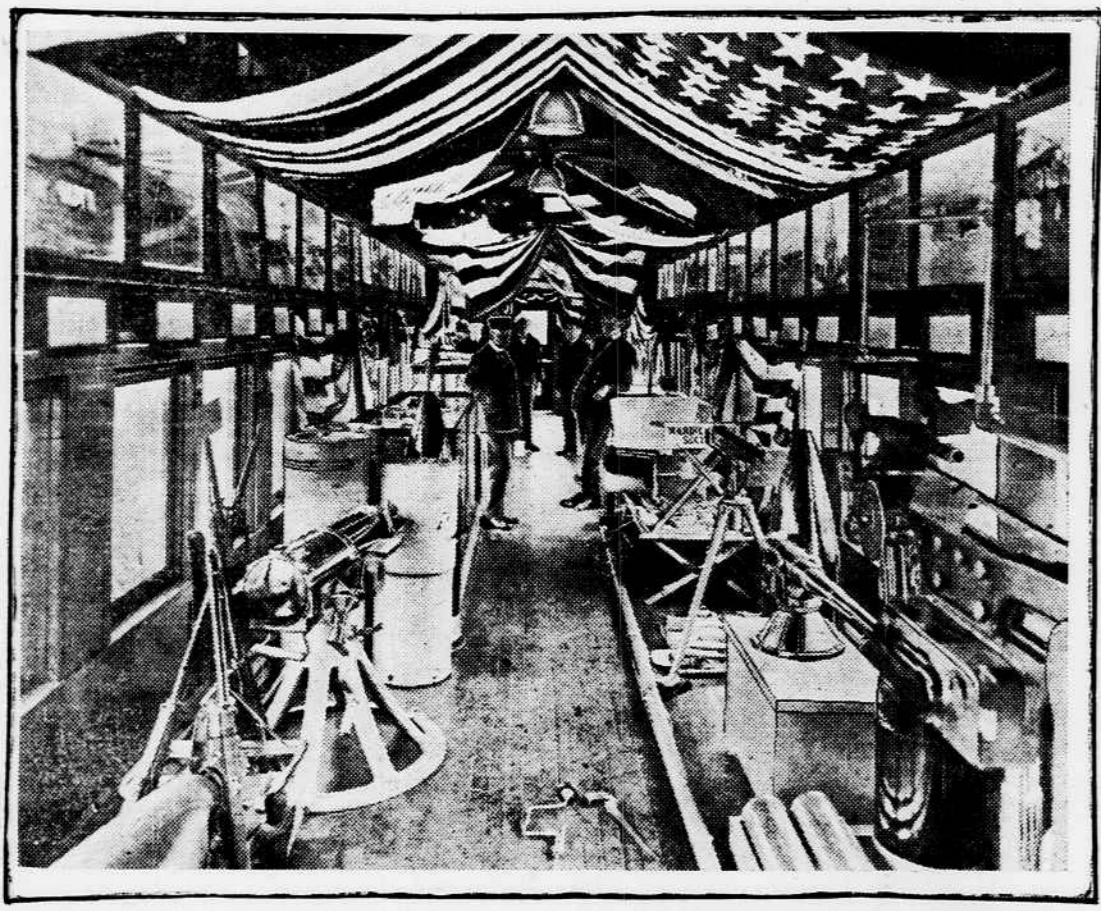
The success of the trip is shown by the number of pleas to the Secretary of the Interior to let them have the exhibit. Dayton, Jersey City, Pittsburgh, Des Moines, Lynchburg, Nashville, Oklahoma, Raleigh, Troy and a dozen other places sent invitations, and the Hocking Valley, Chicago and Great Western, St. Paul, Union Pacific and other railroads have offered to provide trains and transportation if the government will allow the educational work to continue.

By degrees the government, either by lessons learned from the efficiency of European nations or because it has been going through its own evolutionary stage, has aroused itself to the need of departmental co-operation with the people in their business and social organizations, and a good start was made by demonstrating that the federal departments are alive to these needs and are rendering good service.

Hard Work.

RICHARD HARDING DAVIS, though he received \$1,500 for each of his short stories, hated to be called a genius.

To a young lady who called him a genius at a tea, Mr. Davis once said: "Genius, then, is not inspiration, but perspiration."



INTERIOR OF THE NAVY DEPARTMENT CAR. "Preparedness Is Safety First," the navy motto.

the people who cannot come to Washington some of the things which will really show that the federal government is earnestly trying to meet the needs of a great nation?

Hundreds of people visited the exhibit which had brought the expression from the President, but it is safe to say that for every one who saw the lifeboats, mine safety devices and coast guard apparatus, a hundred thousand never heard of the collection, to say nothing of coming to Washington to see and appreciate it.

The Interior Department is turning over a hundred million dollars again and again in irrigation projects to reclaim the desert lands; its bureau of mines has improved mining conditions marvelously, and has given to the public the benefit of the Rittman process of extracting gasoline from petroleum. It has also made possible the production of radium at such a price that most hospitals can afford to use it.

The Department of Agriculture is carrying a liberal education to the country through its farm-extension work. The Department of Commerce is sending reports to all parts of the country, telling the producer where to send his products to market.

The railroad commission is appraising the various railroads, examining their switching and safety appliances and regulating in many ways their management in the interest of the public.

The old theory that the departments would investigate and make known the results to all who could extract them from the files has given way to the new practice of sending that knowledge of the best and most efficient way to do things to the very people who have to do them.

The Secretary turned the execution of this novel plan to the bureau of mines, a duty cheerfully undertaken by the director, Mr. V. M. Manning, and his assistants. But not content with what they had done, they widened the scope of the new "safety first" and called upon all the government departments to participate. They responded nobly.

The navy fitted up a car decorated with flags and bearing the motto "Preparedness Is Safety First." It showed some of the instruments which it employs—models of two ships, Columbia and Vermont; a Hotchkiss gun, such as formerly was used; a real up-to-date six-pound rifle, a full radio set such as is used on a submarine and a torpedo.

The army sent an especial outfit showing how well prepared the Engineer Corps is not only to construct temporary bridges over streams, but what is almost equally important, to demolish beyond hope of repair bridges, roads, railroad beds and tracks. The commotion in Mexico left the regular army rather short-handed, so it was unable to spare as much as it otherwise would for the occasion.

The Department of Agriculture confined its exhibits to the minor divisions of the forest service and the weather bureau. The latter sent maps illustrating the areas it covers, and showed how it sends out its daily forecasts and frost and flood notices in the danger seasons. It set up some of the delicate instruments which are used in determining weather conditions, the volume of waters in streams and in water sheds.

The Interstate commerce commission sent safety devices approved by the government for the transportation service, including car brakes, couplers and block signals. It showed a miniature locomotive and a locomotive boiler under steam with glass openings, so that one could see the circulation of the water under working conditions. The Red Cross sent a car of exhibits. The Interior Department showed the forest service methods of protecting

When it stopped crowds filled the cars, passing through at the rate of a thousand an hour. But it was not the crowd, it was made up of people who wanted to learn, of men who came to see and ask intelligent questions from experts, men who came with their sons and mothers who brought their daughters.

In all the cities and smaller towns holidays had been decreed and public school children, with their teachers, visited the train. In several places it was taken as an event of such importance that citizens' committees, with brass bands, came to the station. In more than one place school children brought flowers whose fragrance filled the train.

In the bureau of mines car every one wanted to see "Goldie," who was the daintiest little thing one would wish to see in her pale yellow dress. She had been in innumerable mining wrecks and had been overcome by gas fumes seventeen times; and now they keep her in a cage. She lived happily there with a number of other canary birds, but she is the prettiest. She had been the companion of Mine Inspector Riggs, the government expert, who visits every mining disaster within his reach and goes into the worst of it as the federal representative to see and report, to ascertain the probable causes of the accident and to aid in the investigation which will follow.

As soon as possible after an accident the managers of the mine continue the service of fresh air, so that it will be safe at the foot of the shaft and for a less or greater distance into the main passages. So when the rescuers go in, after donning respirators and flasks of oxygen, they carry with them a canary bird until it succumbs from the gas fumes and tatters from its perch. Then the rescuer knows that he can stand it just eight minutes longer, so he gives oxygen to the bird to revive and sends it back, while he fits the respirator over his face and crawls deeper into the foul gas that would slowly choke him until he fell unconscious like the bird if he had to breathe the stuff.

The birds do not appear to mind the experience. The rescuers become much attached to them, and Riggs, either because he fears for the life or the morals of "Goldie," declares that she shall never again enter a mine. Riggs has had the unique experience of saving the same

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IT is a momentous occasion, and the commemoration we have planned is in full accord with the splendid traditions it recalls. We shall celebrate with AN ENTIRE MONTH of seldom surpassed "ANNIVERSARY SHOE PRICES." Read every item carefully and underestimate none—for each carries its full quota of EXTRAORDINARY VALUE GIVING.

IN this "ANNIVERSARY SALE" is to be found ONLY the SEASON'S MOST WANTED FOOTWEAR—at prices which show our appreciation of the patronage so liberally bestowed upon us for the past forty years.

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COME TOMORROW and watch our ads EACH AND EVERY DAY of this—THE SALE OF ALL SHOE SALES!

5,000 Pairs. Women's \$3.50, \$4 and \$5 Low Shoes. "Anniversary Price"..... **\$2.65**

PART of these shoes were bought specially for this sale; others greatly reduced for the occasion. STYLES and VALUES that simply are unparalleled at the price offered!

There are nearly 100 different models to choose from—and literally EVERYTHING you could possibly ask for in the way of breezy summer low shoes.

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Anniversary Special..... **33c**

Wonderful purchase 300 dozen Women's and Men's Strictly First Quality Stockings and Socks—values to 50c.

WOMEN'S Novelty Striped Stockings, for bathing or street wear. Black and white, white and black and other patterns. Also Black or white fiber silk and bronze navy palm beach pearl or dark gray silk lisle stockings of special quality.

MEN'S Special 50c Silk Half Hose, double toe, heel and foot. Colors: Black, white, tan, navy, pearl, suede and Palm Beach.

Birthday Price, 33c Pair. 6 Pairs, \$1.90.

Anniversary Special..... **59c**

Boys' and Girls' "Champion" Tennis Oxfords. Black or white; black rubber soles. All sizes to 2. Larger sizes at 60c.

Anniversary Special..... **79c**

Women's Figured Cretonne Boudoir Slippers, with elk soles and pompons. Various pretty colors.

Misses' and Children's White Canvas High and Low Shoes. \$1.50 to \$2 Values.

CHOICE of over 1,000 pairs—20 new styles. Button Boots of regular or extra height. Ankle and Instep Strap Pumps, Mary Jane and Buckle Colonial Pumps. Rubber sole "Emmy Lou" Pumps. And other desirable summer styles—made of cool, durable white canvas. Plenty of all sizes up to Big Girls' 6, at **\$1.29**

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3,500 Pairs of Our Women's Finest \$5, \$6 and \$7 Low Shoes at..... **\$3.65**

NOT a pair in this sale that is not worth \$1.50 to \$3.50—more than the thrilling price of \$3.65 asked for them!

And mind you, ALL latest-moment fashions—most of them have come in SINCE EASTER.

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And you pay for them—only \$3.65.

Really, Ladies, You Ought to Lay In Several Pairs—and Remember, We Have Silk Hosiery to Match!

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Anniversary Special..... **\$1.29**

350 pairs Boys' and Girls' Extra Good Value Tan Calf Play Oxfords and Barefoot Sandals with elk soles. Sizes to 2.

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200 pairs Young Ladies' White Duck, Rubber Sole Tennis Pumps, with spring heel or low heel.

Anniversary Special..... **\$1.79**

300 pairs Women's \$3 and \$3.50 Tan Russia Calf Pumps and Oxfords.

Anniversary Special..... **\$1.95**

500 pairs \$2.50 and \$3 Women's White Sea Isle Duck Turn or Welt Sole Pumps, and Rubber Sole Sport Oxfords, with ball straps.

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